

MAY PROVE TO BE
GREAT INVENTIONPulsatory Concentrator Is At-
tracting the Attention of
Local Mining Men.MANY ADVANTAGES
ARE CLAIMED FOR ITF. A. Wiswell, Old-Time Mining
Man, Completes Working
Model.

The pulsatory concentrator, a recent invention of F. A. Wiswell of this city, is attracting considerable attention among mining men at the Utah Foundry and Machine company's plant near the Salt Palace. So far but one of the concentrators have been finished, but if the demand for them increases and further practical tests prove that the claims of the inventor are well founded, it will not doubt require a large number to fill the orders that will naturally be received.

Mr. Wiswell, who, by the way, is a mining man of nearly forty years' experience, began work on the model last March and has just finished the first concentrator. With a few slight alterations it will shortly be ready for inspection, and results already accomplished go to show that it will claim a place among the time and value savers included in the large list of concentrators now on the market.

In the words of the inventor, the device consists of a tank within which is an adjustable inclined table, whose top is perforated and covered by an endless apron caused to slowly move upward over the upper end and return below the table. The bottom of the tank is made of rubber, and the table makes a regular series of pulsations of water that is held by the tank, covering the lower end of the table to nearly its upper end. The water pulsations communicate a similar pulsating movement to the moving apron. These pulsations cause the sand that is deposited on the lower part of the table to stratify, the heavier particles finally resting on the apron, the light being carried to the top. The apron is inclined upward until they reach the lower end, when they fall into an ordinary bucket elevator pocket, from which point they are continuously removed by a bucket elevator and discharged to waste. The concentrates travel with the apron up over the higher end of the table and fall into another compartment of the tank, from which they are removed by means of an ordinary screw conveyor.

The only water required is that necessary to replace what is carried out in the tailings. All the mechanism of the machine is slow-moving and makes less noise than a typewriter or sewing machine.

The various parts of the machine are adjustable, so it can be adapted to treat pulverized ores or placer sand with equal facility. The inventor claims that the water circulation can be controlled so nicely that almost any material can be treated in a satisfactory manner.

BOSTON CON. SELLS WELL.
Feature of Market Declared to Be Advantage of This Stock.

Hornblower & Weeks' copper stock, received daily by James A. Pollock & Co., has the following to say concerning the Boston stock exchange yesterday: "The demand for the copper shares was not quite as large this morning as it has been the case the last few days, but the feature was well taken. Boston Con. is an early feature, advancing to \$2.55 a large transaction, the highest quotation made for some time. North Butte was again active. There was considerable trading in this feature, which advanced to 45 and 50 cents, but prices held strong."

Tonopah-Goldfield Stocks.

The afternoon's advices from San Francisco over the private wires of James A. Pollock & Co. indicate the following market at the close of the day:

	Bid.	Asked.
Montana-Tonopah	4.25	4.75
Tonopah-Midway	3.25	3.75
MacNamara	3.00	3.50
Tonopah Belmont	2.90	3.40
North Star	2.80	3.30
Rescue	2.70	3.20
Gold Mountain	2.60	3.10
Red Top	2.50	3.00
Tonopah Com.	2.40	2.90
Tonopah Extension	2.30	2.80
Goldfield	2.20	2.70
San Antonio	2.10	2.60
San Antonio Extension	2.00	2.50
Adams	1.90	2.40
Benbow	1.80	2.30
Patrol	1.70	2.20
Kendall	1.60	2.10
Columbia Mountain	1.50	2.00
San Juan	1.40	1.90
Black Butte	1.30	1.80
Silver King	1.20	1.70
Golden Anchor	1.10	1.60
Ray & O'Brien	1.00	1.50
Tonopah Extension	0.90	1.40
Original Bullfrog	0.80	1.30
Diamondfield	0.70	1.20
Long Star	0.60	1.10
Home-Tonopah	0.50	1.00
Carb Boy	0.40	0.90

COMSTOCK

	Bid.	Asked.
Bullion	36	38
Bolcher	35	37
Con Virginia	1.25	1.30
California	5.25	5.35
Mexican	1.00	1.05
Swan	0.90	0.95
Potomac	0.80	0.85
Union	0.70	0.75
Excelsior	0.60	0.65
Norcross	0.50	0.55
Scorpion	0.40	0.45

Utah Stocks in Boston.

James A. Pollock & Co., bankers and brokers, 6 West Second South Street, report the following from Boston at the close of the day:

	Sales.	High.	Low.	Close.
Amalgamated	179	48.55	48.25	48.60
Boston Con.	380	60.00	59.75	60.00
Con Mercur	179	60.00	59.75	60.00
Bingham	67	22.50	22.25	22.50
Daily West	146	14.25	14.00	14.25
Utah	112	42.00	41.75	42.00
United States	112	38.00	37.75	38.00

Additional Strikes.

A special from San Francisco to James A. Pollock & Co. says that additional strikes have been made in Kendall, Red Top and Goldfield.

Some Seasonable Advice.

It may be a piece of superfluous advice to urge people at this season of the year to lay in a supply of Chamberlain's Cough Remedy. It is almost sure to be needed before winter is over, and much more prompt and satisfactory results are obtained when taken as soon as a cold is contracted and before it has become settled in the system, which can only be done by keeping the remedy at hand. This remedy is so widely known and so altogether good that no one should hesitate about it for sale by all leading druggists, buying it in preference to any other.

FACTS AND FIGURES
GROWING CAMPGoldfield News Publishes Inter-
esting Story Concerning
Present Outlook.An article in a recent issue of the Gold-
field News, giving facts and figures con-
cerning the actual output from that camp
for seven days, ending Thursday last, will
prove of more than ordinary interest to
Salt Lake mining men, and the public in
general. With the coming of cooler
weather and the increased activity which
always follows, will be interesting to note
the development of several of the
new famous camps, among which Gold-
field occupies a prominent place.

The article referred to follows:
"For a period of seven days, closing
Thursday, better than 250 tons of ore,
valued at \$120,000, were shipped to the
smelters. These figures are based upon
data furnished from the local plants
and the railway officials, they represent
practically a monthly output of 950
tons, having a gross valuation of \$120,000.
While these figures indicate an ore
well beyond, they do not represent the
total output of the Goldfield mining dis-
trict, as no returns were received from
the Columbia Reduction company, owing
to the absence from the city of Mr. Gar-
ner, and the further fact that the Frank
mill is closed down temporarily pending
the arrival of an automatic sampler. The
machine has been shipped, however, and
will reach the plant about October 1. It
will require five days to install it, and
immediately thereafter the product of that
plant will add to the weekly output of
the camp. Then, again, the plant of the
American Reduction and Milling company,
which was started up for the first time
a few days since, has as yet handled
but a small amount of ore. Within a
few days, however, the mill will be run-
ning at its full capacity and will add its
quota to the grand total."

During the period first stated 200 tons
of ore, having an average value of \$40
per ton, were treated at the Combination
company's mill; 600 tons, of an average
value of \$20 per ton, were treated at the
plant of the Columbia Sampling and Ore
company; fifty tons (experimentally), hav-
ing an average value of \$50 per ton, were
treated at the plant of the American Reduc-
tion company; 200 tons of milling ore, having
an average value of \$8 per ton, and 150 tons
of waste, at the plant of the New West-
ern Reduction company. At the latter
plant there is now awaiting reduction
600 tons of milling ore and 500 tons of
shipping ore.

Aside from this there went out, via the
railway, twenty-one carloads, or 950
tons of ore of a gross value of \$191,000.
In connection with the railroad it can be
stated that the flat rate of \$17 per ton
has been established on ore shipments, and
that on first-class merchandise a rate of
\$3.50 per 100 pounds has been established;
on other merchandise the standard rail-
road rate has been adopted, these rates
applying to goods en route to and from
San Francisco. The Wells-Fargo Express
company has also made a reduction since
the advent of the railroad of \$1.00 on the
100 pounds to all Pacific coast points.

THE DAY ON CHANGE.
Columbus Consolidated Still Demands
Attention of Mining Men.

Members of the Salt Lake exchange were
again active buyers and sellers of Columbus
Consolidated yesterday, and before the day
had closed 400 shares had been transferred.
The first lot to be offered brought \$1.25.
This was followed by another lot at \$1.25 and
another advance of 2 cents a share. This ad-
vance was followed by a drop to \$1.20, while
there was a desire for the present to
keep the price down on the part of a num-
ber of holders. It is apparent that within a
short time the best figures of yesterday will
be offered for either large or small blocks of
the stock, and the price will be \$1.25.
The price considerably higher. New York Bo-
nanza was dealt in sparingly, but easily
holding its own at \$1.25. The price was
rather strong. The sales and closing quotations
follow:

	A. M.	P. M.
Alma	1.15	1.20
Boston Con.	6.00	6.25
Bullion-Belk	1.00	1.10
Butterfield	0.65	0.75
Carlin	1.20	1.30
Central	0.50	0.60
Century	0.40	0.50
Daily	0.30	0.40
Day Judge	2.00	2.25
Day West	13.75	14.25
Day West B. H.	1.00	1.25
Day West C. H.	1.00	1.25
Day West D. H.	1.00	1.25
Day West E. H.	1.00	1.25
Day West F. H.	1.00	1.25
Day West G. H.	1.00	1.25
Day West H. H.	1.00	1.25
Day West I. H.	1.00	1.25
Day West J. H.	1.00	1.25
Day West K. H.	1.00	1.25
Day West L. H.	1.00	1.25
Day West M. H.	1.00	1.25
Day West N. H.	1.00	1.25
Day West O. H.	1.00	1.25
Day West P. H.	1.00	1.25
Day West Q. H.	1.00	1.25
Day West R. H.	1.00	1.25
Day West S. H.	1.00	1.25
Day West T. H.	1.00	1.25
Day West U. H.	1.00	1.25
Day West V. H.	1.00	1.25
Day West W. H.	1.00	1.25
Day West X. H.	1.00	1.25
Day West Y. H.	1.00	1.25
Day West Z. H.	1.00	1.25

Mining Notes.

W. F. Snyder made a business trip to Park
City yesterday.

Dr. S. W. Platt, one of the directors of the
New York Bonanza of Park City, transacted
business at Salt Lake yesterday.

A. E. Horthwick, a prominent mining man
of Boise, Idaho, is in the city on his way home
from the Southern Nevada districts.

Frederick Lyon, general manager of the
Kendall, Cal. mine, who has been in the city
for some time, returned to his California
home today, after spending nearly a week in
Salt Lake.

The Back Tunnel assessment comes due to-
day. The assessment is for 1 cent a share.
William Hall, superintendent of the Lower
Mammoth, was in the city yesterday.

James A. Pollock left for the East yesterday
noon on a trip which will include a visit to
the Bonanza, after spending nearly a week in
Salt Lake.

While the citizens of Goldfield are expec-
tantly busy these days in attending to the ordi-
nary duties which confront residents of a
growing mining camp, they are not less pressed
for time that they have overlooked the duty
self-protection, and are now busily engaged
in an attempt to remove the danger to their
own backyards. As a result the papers from
that locality are daily publishing many
warnings of the danger which a Goldfield should be
favored with the new courthouse.

In all probability there will be more or less
plastering in and around Goldfield this
winter. Salt men who have had considerable
experience in this line of work have re-
cently been prospecting the heat-by canyons
and surrounding the city, and have found
that good values have been located at several
places. Years ago, as is well known, Bing-
ham was considered quite a hot place, and
even yet there are rich deposits at Goldfield,
which only the enormous expense entailed in
mining prevents numerous companies from
handling.

An exchange says that a miner "dead
broke" went into the Noma country last fall
and returned to Seattle a few days ago with
more than a million dollars' worth of gold
dust. The net earnings of his winter's opera-
tion, about one hundred thousand dollars, were
paid by the United States for the whole of
Alaska.

OIL EXPERT MAKES
ANOTHER SEARCHBarely Possible That Salt Lake
Valley Contains Rich
Deposits.INCIDENTS OF LAST
WINTER ARE RECALLEDDiscoverer of Great Beaumont
Fields Now at Work Near
This City.

There was a time—and not very long
ago, either—when a property owner in the
vicinity of Salt Lake looked forward to the
sale of his lands at a fabulous price be-
cause they believed in the existence of
oil in paying quantities, but with the de-
parture of the Guffey-Galey syndicate
representatives less than a year ago after
considerable work had been done near
Farmington, thought of sinking other
wells vanished.

Now, however, the "oil fever" is to be
revived. Reports are current that Pat-
rick W. Higgins, discoverer of the famous
Beaumont fields of Texas, intends giving
his personal attention to the examination
of local properties, and statements cred-
ited to him would indicate that he has
considerable faith in the existence of oil
in paying quantities.

As is well known, the excitement fol-
lowing the discovery of oil often exceeds
that attending the discovery of valuable
mining property, and should the efforts
of Mr. Higgins meet with success in this
vicinity it is more than likely that the
same attention would be attracted to
Salt Lake that was given to Los Angeles
and other great oil wells some 25 years
ago. Mr. Higgins is authority for the
statement that in the event of shoot-
ing one or more good wells, sufficient
capital will be forthcoming to organize
a strong company and carry out the en-
terprise on a large scale. It is needless
to add that further development work
will be watched with great interest.

San Francisco Mining Stocks.

SAN FRANCISCO, Oct. 4.—The official closing quotations for mining stocks today were as follows:	
Alpha Con.	1.10 Justice
Andes	.21 Kentucky Con.
Belcher	1.21 Mexican
Best & Belcher	1.10 Occidental Con.
Bullion	.37 Ohio
Challenge Con.	1.00 Overman
Chollar	.15 Potomac
Confidential	.13 Savage
Con. of N. & A.	.75 Scorpion
Con. Imperial	.56 Seg Belcher
Crown Point	.05 Sierra Nevada
Excelsior	.47 Union Con.
Gold & Currie	.20 Utah Con.
Hale & Norcross	1.00 Yellow Jacket

BOSTON MINING STOCKS.

Alma	1.15	Justice	1.00
Boston Con.	6.00	Kentucky Con.	1.00
Bullion-Belk	1.00	Parrot	1.00
Butterfield	0.65	Confidential Con.	1.00
Carlin	1.20	Overman	1.00
Central	0.50	Overman	1.00
Century	0.40	Savage	1.00
Daily	0.30	Scorpion	1.00
Day Judge	2.00	Sierra Nevada	1.00
Day West	13.75	Silver Hill	1.00
Day West B. H.	1.00	Sierra Nevada	1.00
Day West C. H.	1.00	Sierra Nevada	1.00
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Day West W. H.	1.00	Sierra Nevada	1.00
Day West X. H.	1.00	Sierra Nevada	1.00
Day West Y. H.	1.00	Sierra Nevada	1.00
Day West Z. H.	1.00	Sierra Nevada	1.00

NEW YORK MINING STOCKS.

Alma	1.15	Phoenix	1.02
Boston Con.	6.00	Potosi	1.11
Butterfield	0.65	Savage	1.48
Carlin	1.20	Sierra Nevada	1.24
Central	0.50	Small Hopes	1.20
Century	0.40	Standard	1.63
Daily	0.30		
Day Judge	2.00		
Day West	13.75		
Day West B. H.	1.00		
Day West C. H.	1.00		
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BIG MILL FOR GOLD
MOUNTAIN PROPERTYPresident Tulloch of Sevier
Consolidated Makes State-
ment to Tribune.